

BRUHAAT BANGALORE MAHANAGARA PALIKE

PWD FORM - 45 (WORK SLIP)

Name of Work: Improvements to Roads & Drains at HMT 1st, 2nd & 3rd Block in ward No. 09 Vidyananyapura sub Division.

Name of Agency: Sri Ramesh Anand, Contractor, # 174, 3rd Main, AECS Layout, 1st Stage, Sanjayanagara, Bangalore.

Estimated Cost: 30,00,000.00

Tender Amount : Rs. 29,69,623.68 Lakhs

Work Order No. BBMP/EE/BTP/WO/101/2016-17 Dated: 05.08.2016.

SL. No.	Description	Unit	Qty. as per Sanctioned Estimate				Qty. as per Tender				Actual executed Qty.	Qty. as per Actuals upto 125%				Qty. as per Actuals above 125%				Total Executed Amount	Savings	Excess	Remarks
			Qty.	Rate	Amount	Qty.	Rate	Amount	Qty.	Rate	Amount	Qty.	Rate	Amount	Qty.	Rate	Amount	Rate 2016-17+ T.P	Amount				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20				
1	KSRRB 300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m.	Cum	383.30	83.16	31875.23	383.30	83.16	31875.23	595.41	479.13	83.16	39844.00	116.29	86.92	10107.00	49951.00				18075.77			
2	Removing B.S Slab of Drain and stacking Page No. 25 / Item No. 5.32 / PWD SR 2015-16	Sqm	1120.50	63.72	71398.26	1120.50	63.72	71398.26	283.53	283.53	63.72	18066.00	0.00	0.00	0.00	18066.00	53332.26						
3	Refixing stone slabs of drains and pointing in C.M (1:3) Page No. 25 / Item No. 5.33 / PWD SR 2015-16	Sqm	1120.50	78.84	88340.22	1120.50	78.84	88340.22	283.53	283.53	78.84	22353.00	0.00	0.00	0.00	22353.00	65987.22						
4	KSRRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs with 40mm and down size graded	Cum	2.97	5070.60	15059.68	2.97	5070.60	15059.68	43.20	3.71	5070.60	18825.00	39.49	5159.02	203717.00	222542.00				207482.32			
5	KSRRB 5.2.3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not square rubble, course or uncoursed	Cum	11.88	4135.32	49127.60	11.88	4135.32	49127.60	0.00	0.00	4135.32	0.00	0.00	0.00	0.00	0.00	49127.60						
6	KSRRB 15.1.2 : Providing flush pointing to stone masonry with cement mortar 1:4, 20 mm deep, after raking joints to depth	Sqm	19.80	96.12	1903.18	19.80	96.12	1903.18	0.00	0.00	96.12	0.00	0.00	0.00	0.00	0.00	1903.18						
7	KSRRB 4-1.6 : Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum	Cum	43.23	5490.72	237363.83	43.23	5490.72	237363.83	0.00	0.00	5490.72	0.00	0.00	0.00	0.00	0.00	237363.83						
8	KSRRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not less than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, jamb, closer blocks) with solid	Sqm	440.00	1018.44	448113.60	440.00	1018.44	448113.60	0.00	0.00	1018.44	0.00	0.00	0.00	0.00	0.00	448113.60						
9	KSRRB 4.2.2 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs, with 20mm and down size graded granite metal, coarse	Cum	66.35	6198.12	411245.26	66.35	6198.12	411245.26	42.98	42.98	6198.12	266364.00	0.00	0.00	0.00	266364.00	144881.26						

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			Qty.	Rate	Amount	6	Qty.	Rate	Amount	9		Qty.	Rate	Amount	12	13	14	15	16				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20				
10	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with	Tonne	3.98	69805.80	277827.08	3.98	69805.80	277827.08	0.69	69805.80	48061.00	0.00	0.00	0.00	0.00	48061.00	229766.08						
11	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, Providing and fixing pre cast solid	Sqm	556.49	306.72	170686.61	556.49	306.72	170686.61	106.20	306.72	32574.00	0.00	0.00	0.00	0.00	32574.00	138112.61						
12	cement concrete kerb stones made out of C.C 1:2:4 with top and bottom width 114 and 165mm respectively, 400mm high and 450mm in length	Nos	911.00	320.76	292212.36	911.00	320.76	292212.36	0.00	320.76	0.00	0.00	0.00	0.00	0.00	0.00	292212.36						
13	KSRB 15.19.1 : Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after thoroughly cleaning of	Sqm	164.00	27.00	4428.00	164.00	27.00	4428.00	0.00	27.00	0.00	0.00	0.00	0.00	0.00	0.00	4428.00						
14	KSRB 15.20.1 : Providing and applying floor painting with ready mix two coats (Excluding priming coat) on new concrete / masonry / asbestos cement sheet / plastered surfaces with flat wall	Sqm	164.00	51.40	8429.60	164.00	51.84	8501.76	0.00	51.84	0.00	0.00	0.00	0.00	0.00	0.00	8501.76						
15	KSRRB 300-47: scarifying kankar/gravel/metal crust upto 150mm thick with pick axes and disposal of stuff within a lead of 100 meters including cost of all labour charges complete as	Sqm	770.00	25.92	19958.40	770.00	25.92	19958.40	657.00	25.92	17029.00	0.00	0.00	0.00	0.00	17029.00	2929.40						
16	KSRRB M400-17: Providing, laying spreading and compacting graded stones aggregate to wet mix macadam specifications including premixing the material with water at OMC in	Cum	136.50	1713.96	233955.54	136.50	1713.96	233955.54	372.95	1713.96	292444.00	202.33	1768.08	357734.00	650178.00	416222.46							
17	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WBM, WMM including cleaning of road surface and spraying primer at the rate of 0.60	Sqm	1120.00	32.40	36288.00	1120.00	32.40	36288.00	1089.00	32.40	35284.00	0.00	0.00	0.00	0.00	35284.00	1004.00						
18	KSRRB M500-19: Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work	Cum	44.80	11843.28	530578.94	44.80	11843.28	530578.94	0.00	11843.28	0.00	0.00	0.00	0.00	0.00	0.00	530578.94						
19	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means including loading and unloading	Cum	383.30	106.34	40760.12	383.30	106.34	40760.12	595.41	106.34	50950.00	116.29	112.44	13076.00	64026.00	23265.88							
	Total															1426428.00							

EIRL

SL. No.	Description	Unit	Qty. as per Sanctioned Estimate			Qty. as per Tender			Actual executed Qty.	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total Executed Amount	Savings	Excess	Remarks
			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate	Amount				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
20	Providing granite slabs of selected quality roughly dressed having a size of 10 cms thick and fixed in cement mortar (1:6) including fixing curing etc.,	Sqm							249.78				249.78	825.74	206251.00	206251.00		206251.00	
21	KSRRB M300- Construction of Embankment with Material Gravel / Murum. KSRRB M300-53. Construction of embankment with approved material	cum							230.85				230.85	320.12	73900.00	73900.00		73900.00	
22	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm.	Sqm							3337.30				3337.30	11.66	38913.00	38913.00		38913.00	
23	KSRRB 500-11. Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base /	cum							15.90				15.90	5237.46	83289.00	83289.00		83289.00	
24	KSRRB M500-19. Providing and laying bituminous concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with	Cum							116.51				116.51	7270.54	847105.00	847105.00		847105.00	
25	KSRRB M500-18. Providing and laying semi dense bituminous concrete using crushed aggregates of specified grading, premixed with bituminous	cum							45.41				45.41	6445.86	292674.00	292674.00		292674.00	
	Sub Total				2969557.52											1542132.00		1542132.00	
	Third Party Inspection Charges @ 1%				29695.58														
	Miscellaneous and unforgon charges	LS			747.00														
	Total				3000000.00			2969623.68				841794.00			2126766.00	2968560.00	2208242.11	2207178.43	

0.04 Below

SUMMARY:

- 1 Estimated Cost : Rs. 30.00 Lakhs
- 2 Tender Cost : Rs. 29.69 Lakhs
- 3 EIRL Amount Rs. 15,42,132.00 = 51.93 % of the Tender Amount
- 4 Work Slip Amount Rs. 6,65,046.43 = 22.39 % of the Tender Amount
- 5 During execution as per requirement and site condition, the total Qty to be executed costs Rs. 29.68 Lakhs which is 0.04% BELOW the Tender-cost. The proposal may kindly be approved.

[Signature]
Assistant Engineer

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Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

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[Signature]
"Work-slip & EIRL"
Approved

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13-02-17